

Pro Series Specification

PDL Pro Series range of switches and sockets have been designed to meet the requirements of public buildings (education buildings, shopping centre, offices and other buildings that have a high level of public foot traffic).

The series has a clean and smart aesthetic: a range of switches and sockets with a permanent and visible circuit identification and tamperproof skins. Sockets (exclude sockets extra switch), highly exposed to impact have an impact resistance IK08 rating.

1. Sockets, switches and data outlets

1.1 Style

The electrical accessories shall be appropriate for commercial buildings and public spaces.

1.2 General Construction

The electrical accessories shall be constructed of plastic with a gloss finish with suitable scratch and impact resistance for commercial applications.

The electrical accessories shall have no visible screws after installation is complete.

The electrical accessories shall consist of a separate grid to be fitted at first fix, and then 'skin' to be fitted at second fix.

1.3 Dimensions

The electrical accessories shall have dimensions as below:

Switch plates	78mm (w) x 116mm (h) x 9mm (d)
Single and double sockets	116mm (w) x 78mm (h) x 9mm (d)
Quad sockets	212mm (w) x 78mm (h) x 9mm (d)

1.4 Circuit Identification

The electrical accessories shall have two locations for circuit identification of 9mm x 55mm dimensions with maximum label thickness of 1.6mm.

The circuit identification shall be protected with clear plastic window.

1.5 Impact Resistance

The sockets (excluded socket with extra switch) shall be high impact resistance, rated IK08 according.



1.6 Security

The electrical accessories shall have a secure cover that can only be removed with a tool.

1.7 Network Connectivity Compatibility

The electrical accessories shall offer compatibility with PDL 300 Series network connectivity jacks suitable for commercial applications.

1.8 Mechanism Compatibility

The electrical accessories shall offer compatibility with the full range of PDL 300 Series electromechanical and electronic mechanisms.

1.9 Socket Specific Requirements

The sockets shall feature wrapper terminals to maximise termination reliability.

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